| Sub | ostitute for form 1449/PTO | | | Complete if Known | | |
|-------|-----------------------------------|------|-----------|------------------------|------------------------|--|
| | | | | Application Number | 10/670,365-Conf. #6887 | |
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| l s | TATEMENT I | 3Y / | APPLICANT | First Named Inventor | Yong Cheol PARK | |
| | | | | Art Unit | 2627 | |
| | (Use as many sheets as necessary) | | | Examiner Name | L. Chow | |
| Sheet | 1 | of | 9 | Attorney Docket Number | 0465-1028P | |

| U.S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|--------------|--|--------------------------------|--|---|--|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ² (If known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| | AA* | US-2001/0009537-A1 | 07-26-2001 | Park | | | | |
| | AB* | US-2001/0011267-A1 | 08-02-2001 | Kihara et al. | | | | |
| | AC* | US-2001/0026511-A1 | 10-04-2001 | Ueda et al. | | | | |
| | AD* | US-2001/0043525-A1 | 11-22-2001 | Ito et al. | | | | |
| | AE* | US-2002/0025138-A1 | 02-28-2002 | Isobe et al. | | | | |
| | AF* | US-2002/0097665-A1 | 07-25-2002 | Ko et al. | | | | |
| | AG* | US-2002/0097666-A1 | 07-25-2002 | Ko et al. | | | | |
| | AH* | US-2002/0099950-A1 | 07-25-2002 | Smith | | | | |
| | Al* | US-2002/0136118-A1 | 09-26-2002 | Takahashi | | | | |
| | AJ* | US-2002/0136134-A1 | 09-26-2002 | Ito et al. | | | | |
| | AK* | US-2002/0136537-A1 | 09-26-2002 | Takahashi | | | | |
| | AL* | US-2002/0159382-A1 | 10-31-2002 | Ohata et al. | | | | |
| | AM* | US-2002/0161774-A1 | 10-31-2002 | Tol et al. | | | | |
| | AN* | US-2002/0176341-A1 | 11-28-2002 | Ko et al. | | | | |
| | A0* | US-2003/0072236-A1 | 04-17-2003 | Hirotsune et al. | | | | |
| | AP* | US-2003/0095482-A1 | 05-22-2003 | Hung et al. | | | | |
| | AQ* | US-2003/0126527-A1 | 07-03-2003 | Kim et al. | | | | |
| | AR* | US-2003/0135800-A1 | 07-17-2003 | Kim et al. | | | | |
| | AS* | US-2003/0137909-A1 | 07-24-2003 | Ito et al. | 1 | | | |
| | AT* | US-2003/0137910-A1 | 07-24-2003 | Ueda et al. | | | | |
| | AU* | US-2003/0142608-A1 | 07-31-2003 | Yamamoto et al. | | | | |
| • | AV* | US-2003/0149918-A1 | 08-07-2003 | Takaichi | | | | |
| | AW* | US-2003/0173669-A1 | 09-18-2003 | Shau | | | | |
| | AX* | US-2003/0198155-A1 | 10-23-2003 | Go et al. | | | | |
| | AY* | U\$-2004/0001408-A1 | 01-01-2004 | Propps et al. | | | | |
| | AZ* | US-2004/0004917-A1 | 01-08-2004 | Lee | | | | |
| | AA1* | US-2004/0062159-A1 | 04-01-2004 | Park et al. | | | | |
| | AB1* | US-2004/0062160-A1 | 04-01-2004 | Park et al. | | | | |
| | AC1* | US-2004/0076096-A1 | 04-22-2004 | Hwang et al. | | | | |
| | AD1* | US-2004/0105363-A1 | 06-03-2004 | Ko et al. | | | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

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| Sub | estitute for form 1449/PTO | | | Complete if Known | | |
|-------|-----------------------------------|------|-----------|------------------------|-------------------------------|--|
| | | | | Application Number | 10/670,365-Conf. #6887 | |
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| l s | TATEMENT E | 3Y / | APPLICANT | First Named Inventor | Yong Cheol PARK | |
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| Sheet | 2 | of | 9 | Attorney Docket Number | 0465-1028P | |

| | U.S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|--|--|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ^{2 (If known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | | |
| | AE1* | US-2004/0114474-A1 | 06-17-2004 | Park et al. | | | | | |
| | AF1* | US-2004/0120233-A1 | 06-24-2004 | Park et al. | | | | | |
| | AG1* | US-2004/0125716-A1 | 07-01-2004 | Ko et al. | | | | | |
| | AH1* | US-2004/0125717-A1 | 07-01-2004 | Ko et al. | | | | | |
| | AI1* | US-2004/0136292-A1 | 07-15-2004 | Park et al. | | | | | |
| | AJ1* | US-2004/0145980-A1 | 07-29-2004 | Park et al. | | | | | |
| | AK1* | US-2004/0158768-A1 | 08-12-2004 | Park et al. | | | | | |
| | AL1* | US-2004/0174782-A1 | 09-09-2004 | Lee et al. | | | | | |
| | AM1* | US-2004/0174785-A1 | 09-09-2004 | Ueda et al. | | | | | |
| | AN1* | US-2004/0179445-A1 | 09-16-2004 | Park et al. | | | | | |
| | AO1* | US-2004/0223427-A1 | 11-11-2004 | Kim et al. | | | | | |
| | AP1* | US-2004/0246851-A1 | 12-09-2004 | Hwang et al. | | | | | |
| | AQ1* | US-2005/0007910-A1 | 01-13-2005 | Ito et al. | | | | | |
| | AR1* | US-2005/0025007-A1 | 02-03-2005 | Park | | | | | |
| | AS1* | US-2005/0052972-A1 | 03-10-2005 | Park | | | | | |
| | AT1* | US-2005/0052973-A1 | 03-10-2005 | Park | | | | | |
| | AU1* | US-2005/0055500-A1 | 03-10-2005 | Park | | | | | |
| | AV1* | US-2005/0060489-A1 | 03-17-2005 | Park | | | | | |
| | AW1* | US-2005/0068877-A1 | 03-31-2005 | Yeo | | | | | |
| | AX1* | US-2005/0083740-A1 | 04-21-2005 | Kobayashi | | | | | |
| | AY1* | US-2005/0083767-A1 | 04-21-2005 | Terada et al. | | | | | |
|] | AZ1* | US-2005/0083830-A1 | 04-21-2005 | Martens et al. | | | | | |
| | AA2* | US-2005/0195716-A1 | 09-08-2005 | Ko et al. | | | | | |
| 1 | AB2* | US-2005/0289389-A1 | 12-29-2005 | Yamagami et al. | | | | | |
| | AC2* | US-2006/0077827-A1 | 04-13-2006 | Takahashi | | | | | |
| | AD2* | US-2006/0195719-A1 | 08-31-2006 | Ueda et al. | | | | | |

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| Sub | stitute for form 1449/PTO | | | Complete if Known | | |
|-------|-----------------------------------|------|-----------|------------------------|------------------------|--|
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| Sheet | 3 | of | 9 | Attorney Docket Number | 0465-1028P | |

| | U.S. PATENT DOCUMENTS | | | | | | | | |
|--|-----------------------|--|--------------------------------|--|---|--|--|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | | |
| | AE2* | US-2006/0203635-A1 | 09-14-2006 | Ko et al. | | | | | |
| | AF2* | US-2006/0203638-A1 | 09-14-2006 | Ko et al. | | | | | |
| | AG2* | US-2006/0203684-A1 | 09-14-2006 | Ko et al. | | | | | |
| | AH2* | US-2006/0227694-A1 | 10-12-2006 | Woerlee et al. | | | | | |
| | Al2* | US-2007/0294571-A1 | 12-20-2007 | Park et al. | | | | | |
| | AJ2* | US-2008/0046780-A1 | 02-21-2008 | Shibuya et al. | | | | | |
| | AK2* | US-4,733,386 | 03-22-1988 | Shimoi et al. | | | | | |
| | AL2* | US-4,807,205 | 02-21-1989 | Picard et al. | 1 | | | | |
| | AM2* | US-5,111,444-A | 05-05-1992 | Fukushima et al. | Ī | | | | |
| | AN2* | US-5,210,734-A | 05-11-1993 | Sakurai et al. | | | | | |
| | AO2* | US-5,235,585-A | 08-10-1993 | Bish et al. | | | | | |
| | AP2* | U\$-5,237,553-A | 08-17-1993 | Fukushima et al. | | | | | |
| | AQ2* | US-5,442,611-A | 08-15-1995 | Hosaka et al. | | | | | |
| | AR2* | US-5,448,728-A | 09-05-1995 | Takano et al. | | | | | |
| | AS2* | US-5,475,820-A | 12-12-1995 | Natrasevschi et al. | | | | | |
| | AT2* | US-5,481,519-A | 01-02-1996 | Hosoya et al. | | | | | |
| | AU2* | US-5,495,466-A | 02-27-1996 | Dohmeier et al. | | | | | |
| ************************************** | AV2* | US-5,528,571-A | 06-18-1996 | Funahashi et al. | | | | | |
| | AW2* | US-5,553,045-A | 09-03-1996 | Obata et al. | | | | | |
| | AX2* | US-5,577,194-A | 11-19-1996 | Wells et al. | | | | | |
| | AY2* | US-5,608,715 | 03-04-1997 | Yokogawa et al. | | | | | |
| | AZ2* | US-5,715,221-A | 02-03-1998 | Ito et al. | | | | | |
| | AA3* | US-5,720,030-A | 02-17-1998 | Kamihara et al. | | | | | |
| | AB3* | US-5,740,435-A | 04-14-1998 | Yamamoto et al. | | | | | |
| | AC3* | US-5,745,444-A | 04-28-1998 | Ichikawa et al. | | | | | |
| | AD3* | US-5,799,212-A | 08-25-1998 | Ohmori et al. | | | | | |
| | AE3* | US-5,802,028-A | 09-01-1998 | Igarashi et al. | | | | | |
| | AF3* | US-5,848,038-A | 12-08-1998 | Igarashi et al. | | | | | |
| | AG3* | US-5,867,455-A | 02-02-1999 | Miyamoto et al. | | | | | |

| Examiner | | Date | |
|-----------|--|------------|--|
| Signature | | Considered | |

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| Sub | stitute for form 1449/PTO | | | Complete if Known | | |
|-----------------------------------|---------------------------|------|--------------|------------------------|------------------------|--|
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| heet | 4 | of | 9 | Attorney Docket Number | 0465-1028P | |

| U.S. PATENT DOCUMENTS | | | | | | | | |
|-----------------------|--------------|---|--------------------------------|--|---|--|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | | |
| | AH3* | US-5,914,928-A | 06-22-1999 | Takahashi et al. | | | | |
| | AI3* | US-6,058,085-A | 05-02-2000 | Obata et al. | | | | |
| | AJ3* | US-6,118,608-A | 09-12-2000 | Kakihara et al. | | | | |
| | AK3* | US-6,138,203-A | 10-24-2000 | Inokuchi et al. | | | | |
| | AL3* | US-6,160,778-A | 12-12-2000 | Ito et al. | | | | |
| | AM3* | US-6,189,118-B1 | 02-13-2001 | Sasaki et al. | | | | |
| | AN3* | US-6,233,654-B1 | 05-15-2001 | Aoki et al. | | | | |
| | AO3* | US-6,292,445-B1 | 09-18-2001 | Ito et al. | | | | |
| | AP3* | US-6,341,109-B1 | 01-22-2002 | Kayanuma et al. | | | | |
| | AQ3* | US-6,341,278-B1 | 01-22-2002 | Yamamoto et al. | | | | |
| | AR3* | US-6,405,332-B1 | 06-11-2002 | Bando et al. | | | | |
| | AS3* | US-6,414,923-B1 | 07-02-2002 | Park et al. | | | | |
| | AT3* | US-6,447,126-B1 | 09-10-2002 | Hornbeck | | | | |
| | AU3* | US-6,469,978-B1 | 10-22-2002 | Ohata et al. | | | | |
| | AV3* | US-6,477,126-B1 | 11-05-2002 | Park et al. | | | | |
| | AW3* | US-6,480,446-B1 | 11-12-2002 | Ko et al. | | | | |
| | AX3* | US-6,529,458-B1 | 03-04-2003 | Shin et al. | | | | |
| | AY3* | US-6,581,167-B1 | 06-17-2003 | Gotoh et al. | | | | |
| | AZ3* | US-6,606,285-B1 | 08-12-2003 | ljtsma et al. | | | | |
| | AA4* | US-6,631,106-B1 | 10-07-2003 | Numata et al. | | | | |
| | AB4* | US-6,633,724-B1 | 10-14-2003 | Hasegawa et al. | | | | |
| | AC4* | US-6,667,939-B1 | 12-23-2003 | Miyamoto et al. | | | | |
| | AD4* | US-6,671,249-B2 | 12-30-2003 | Horie et al. | | | | |
| | AE4* | US-6,697,306-B2 | 02-24-2004 | Sako et al. | | | | |
| | AF4* | US-6,724,701-B2 | 04-20-2004 | ljtsma et al. | | | | |
| | AG4* | US-6,738,341-B2 | 05-18-2004 | Ohata et al. | | | | |
| | AH4* | US-6,754,860-B2 | 06-22-2004 | Kim et al. | | | | |
| | AI4* | US-6,760,288-B2 | 07-06-2004 | ljtsma et al. | | | | |
| | AJ4* | US-6,763,429-B1 | 07-13-2004 | Hirayama et al. | | | | |
| | AK4* | US-6,766,418-B1 | 07-20-2004 | Alexander et al. | | | | |

| Examiner | D | Date | |
|-----------|---|------------|--|
| Signature | c | Considered | |

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| Sub | Substitute for form 1449/PTO | | | Complete if Known | |
|-------|-----------------------------------|------|----------|------------------------|------------------------|
| | | | | Application Number | 10/670,365-Conf. #6887 |
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| Sheet | 5 | of | 9 | Attorney Docket Number | 0465-1028P |

| | | | U.S. PA | TENT DOCUMENTS | |
|-----------------------|--------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No.1 | Document Number Number-Kind Code ² (If known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AL4* | US-6,804,797-B2 | 10-12-2004 | Ko et al. | |
| | AM4* | US-6,826,140-B2 | 11-30-2004 | Brommer et al. | |
| | AN4* | US-6,842,580-B1 | 01-11-2005 | Ueda et al. | |
| | AO4* | US-6,845,069-B2 | 01-18-2005 | Nakahara et al. | |
| | AP4* | US-6,883,111-B2 | 04-19-2005 | Yoshida et al. | |
| | AQ4* | US-6,918,003-B2 | 07-12-2005 | Sasaki et al. | |
| | AR4* | US-6,934,236-B2 | 08-23-2005 | Lee et al. | |
| | AS4* | US-6,999,398-B2 | 02-14-2006 | Yamamoto et al. | |
| | AT4* | US-7,002,882-B2 | 02-21-2006 | Takahashi et al. | |
| | AU4* | US-7,027,059-B2 | 04-11-2006 | Hux et al. | |
| | AV4* | US-7,027,373-B2 | 04-11-2006 | Ueda et al. | |
| | AW4* | US-7,042,825-B2 | 05-09-2006 | Yamamoto et al. | |
| • | AX4* | US-7,050,701-B1 | 05-23-2006 | Sasaki et al. | |
| | AY4* | US-7,092,334-B2 | 08-15-2006 | Choi et al. | |
| | AZ4* | US-7,149,930-B2 | 12-12-2006 | Ogawa et al. | |
| | AA5* | US-7,188,271-B2 | 03-06-2007 | Park et al. | |
| | AB5* | US-7,233,550-B2 | 06-19-2007 | Park et al. | |
| | AC5* | US-7,272,086-B2 | 09-18-2007 | Hwang et al. | |
| | AD5* | US-7,289,404-B2 | 10-30-2007 | Park et al. | |
| | AE5* | US-7,296,178-B2 | 11-13-2007 | Yoshida et al. | |
| | AF5* | US-7,327,654-B2 | 02-05-2008 | Hwang et al. | |
| | AG5* | US-5,940,702-A | 08-17-1999 | Sakao et al. | |
| | AH5* | US-6,785,206-B1 | 08-31-2004 | Lee et al. | |
| | AI5* | US-7,379,402-B2 | 05-27-2008 | Ko et al. | |
| | AJ5* | US-7,349,301-B2 | 03-25-2008 | Terada et al. | |
| | AK5* | US-6,542,450-B1 | 04-01-2003 | Park et al. | |
| • | AL5* | US-6,496,807-B1 | 12-17-2002 | Inokuchi et al. | |
| | AM5* | US-2004/193946 | 09-30-2004 | Park et al. | |

| | | | |
|-----------|------|------------|--|
| Examiner | | Date | |
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| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
|-----------------------|--------------------------|---|-----------------------------------|--|--|----------------|--|--|--|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁶ (# known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | Ţ [©] | | | |
| | ВА | CN-1134017-A | 10-23-1996 | Sony Corp | | ABS | | | |
| | BB | CN-1140897-C | 01-22-1997 | Nippon Electric Co | | ABS | | | |
| | BC | CN-1227950-A | 09-08-1999 | LG Electronics Inc | | ABS | | | |
| | BD | CN-1273419-A | 11-15-2000 | Samsung Electronics Co Ltd | | ABS | | | |
| | BE | CN-1675708-A | 09-28-2005 | Samsung Electronics Co Ltd | | ABS | | | |
| | BF | CN-1685426-A | 10-19-2005 | Sony Corp | | ABS | | | |
| | BG | DE-199 54 054-A1 | 06-21-2000 | LG Electronics Inc | | ABS | | | |
| | ВН | EP-0314186-A2 | 05-03-1989 | Matsushita Electric Ind Co Ltd | | | | | |
| | ВІ | EP-0325823-A1 | 08-02-1989 | Laserdrive Ltd | | | | | |
| | BJ | EP-0350920-A2 | 01-17-1990 | Matsushita Electric Ind Co Ltd | | | | | |
| | BK | EP-0464811-A2 | 01-08-1992 | Matsushita Electric Ind Co Ltd | | | | | |
| | BL | EP-0472484-A2 | 02-26-1992 | Ibm | | | | | |
| | ВМ | EP-0477503-A2 | 04-01-1992 | Fuji Photo Film Co Ltd | | | | | |
| | BN | EP-0871172-A2 | 10-14-1998 | Sony Corp | | | | | |
| | во | EP-0974967-A1 | 01-26-2000 | Fujitsu Ltd et al. | | | | | |
| | BP | EP-0989554-A1 | 03-29-2000 | Sony Corp | | | | | |
| | BQ | EP-0997904-A1 | 05-03-2000 | Matsushita Electric Ind Co Ltd | | | | | |
| | BR | EP-1026681-B1 | 08-09-2000 | Matsushita Electric Ind Co Ltd | | | | | |
| | BS | EP-1043723-A1 | 10-11-2000 | Matsushita Electric Ind Co Ltd | | | | | |
| | BT | EP-1132914-A2 | 09-12-2001 | Matsushita Electric Ind Co Ltd | · | | | | |
| | BU | EP-1148493-A2 | 10-24-2001 | Samsung Electronics Co Ltd | | | | | |
| | BV | EP-1152414-A2 | 11-07-2001 | Matsushita Electric Ind Co Ltd | | | | | |
| | BW | EP-1239478-A1 | 09-11-2002 | Matsushita Electric Ind Co Ltd | | | | | |
| • | BX | EP-1274081-A2 | 01-08-2003 | Nippon Electric Co | · | | | | |
| | BY | EP-1298659-A1 | 04-02-2003 | Samsung Electronics Co Ltd | | | | | |
| | BZ | EP-1329888-A1 | 07-23-2003 | Matsushita Electric Ind Co Ltd | | | | | |
| | BA1 | EP-1347452-A2 | 09-24-2003 | Matsushita Electric Ind Co Ltd | | | | | |
| | BB1 | EP-1547065-A0 | 06-25-2005 | LG Electronics Inc | | | | | |

| Examiner | Date | |
|-----------|----------------|--|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

| Sub | Substitute for form 1449/PTO | | | Complete if Known | |
|-------|-----------------------------------|------|----------|------------------------|------------------------|
| | | | | Application Number | 10/670,365-Conf. #6887 |
| IN | IFORMATION | l DI | SCLOSURE | Filing Date | September 26, 2003 |
| S | STATEMENT BY APPLICANT | | | First Named Inventor | Yong Cheol PARK |
| _ | | | | Art Unit | 2627 |
| | (Use as many sheets as necessary) | | | Examiner Name | L. Chow |
| Sheet | 7 | of | 9 | Attorney Docket Number | 0465-1028P |

| | FOREIGN PATENT DOCUMENTS | | | | | | | | |
|-----------------------|--------------------------|---|-----------------------------|--|--|------|--|--|--|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>fi known</i>) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | l _ | | | |
| | BC1 | EP-1564740-A1 | 08-17-2005 | Sony Corp | rigules Appear | | | | |
| _ | BD1 | EP-1573723-A0 | 09-14-2005 | LG Electronics Inc | | | | | |
| | BE1 | EP-1623422-A0 | | LG Electronics Inc | | | | | |
| | BF1 | GB-2356735-A | 05-30-2001 | Mitsubishi Electric Corp | | | | | |
| | BG1 | JP-10-050005-A | 02-20-1998 | Nec Gumma Ltd | | ABS | | | |
| | BH1 | JP-10-050032-A | 02-20-1998 | Sony Corp | | ABS | | | |
| | BI1 | JP-10-187356 | | Tokyo Shibaura Electric Co | | ABS | | | |
| | BJ1 | JP-10-187357 | 07-14-1998 | Nippon Electric Eng | | ABS | | | |
| | BK1 | JP-10-187358 | 07-14-1998 | Hitachi Ltd | | ABS | | | |
| | BL1 | JP-10-187359 | 07-14-1998 | Tokyo Shibaura Electric Co | | ABS | | | |
| | BM1 | JP-10-187360 | 07-14-1998 | Tec Corp | | ABS | | | |
| | BN1 | JP-10-187361-A1 | 07-14-1998 | Hitachi Koki Kk | | ABS | | | |
| | BO1 | JP-11-110888-A | 04-23-1999 | Nippon Kogaku Kk | | ABS | | | |
| | BP1 | JP-11-203792-A | 07-30-1999 | NEC Corp | | ABS | | | |
| | BQ1 | JP-01-263955-A | 10-20-1989 | Matsushita Electric Ind Co Ltd | | ABS | | | |
| | BR1 | JP-2000-090588-A | 03-31-2000 | LG Electronics Inc | | ABS | | | |
| | BS1 | JP-2000-149449-A | 05-30-2000 | LG Electronics Inc | | ABS | | | |
| | BT1 | JP-2000-195178-A | 07-14-2000 | Matsushita Electric Ind Co Ltd | | ABS | | | |
| | BU1 | JP-2000-215612 | 08-04-2000 | LG Electronics Inc | | ABS | | | |
| | BV1 | JP-2000-285607-A | 10-13-2000 | Tokyo Shibaura Electric Co | | ABS | | | |
| | BW1 | JP-2001-023317-A | 01-26-2001 | Nippon Electric Co | | ABS | | | |
| | BX1 | JP-2001-069440-A | 03-16-2001 | Sanyo Electric Co | | ABS | | | |
| | BY1 | JP-2001-110168-A | 04-20-2001 | Ricoh Kk | | ABS | | | |
| | BZ1 | JP-2001-351334-A | 12-21-2001 | Sony Corp | | ABŞ | | | |
| | BA2 | JP-2001-357623-A | 12-26-2001 | Victor Company Of Japan | | ABS | | | |
| | BB2 | JP-2002-015507-A | 01-18-2002 | Sony Corp | | AB\$ | | | |
| | BC2 | JP-2002-015525-A | 01-18-2002 | Fujitsu Ltd et al. | | ABS | | | |
| | BD2 | JP-2002-056619-A | 02-22-2002 | Sony Corp | | ABS | | | |
| | BE2 | JP-2002-215612-A | 08-02-2002 | Seiko Epson Corp | | ABS | | | |
| | BF2 | JP-2002-245723-A | 08-30-2002 | Matsushita Electric Ind Co Ltd | | ABS | | | |
| | BG2 | JP-2002-288938-A | 10-04-2002 | Tokyo Shibaura Electric Co | | ABS | | | |
| | BH2 | JP-2002-329321-A | 11-15-2002 | Sony Corp | | ABS | | | |
| | BI2 | JP-2002-352522-A | 12-06-2002 | Matsushita Electric Ind Co Ltd | | ABS | | | |

| Examiner | Date |
|-----------|------------|
| Signature | Considered |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. * Applicant is to place a check mark here if English language Translation is attached.

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| Sut | ostitute for form 1449/PTC | | | Complete if Known | |
|-------|-----------------------------------|------|-----------|-----------------------|------------------------|
| | | | | Application Number | 10/670,365-Conf. #6887 |
| ١ħ | VEORMATION | I DI | SCLOSURE | Filing Date | September 26, 2003 |
| S | TATEMENT E | 3Y / | APPLICANT | First Named Inventor | Yong Cheol PARK |
| | | | | Art Unit | 2627 |
| | (Use as many sheets as necessary) | | | Examiner Name | L. Chow |
| Sheet | 8 | of | 9 | Attomey Docket Number | 0465-1028P |

| Examiner | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant | 70 |
|----------|--------------|---|---------------------|--|--|------|
| initials | No. | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | Applicant of Oiled Bookinent | Figures Appear | |
| | BJ2 | JP-2003-536194-A | 12-02-2003 | | | ABS |
| | BK2 | JP-2004-280864-A | 10-07-2004 | Sony Corp | | ABS |
| | BL2 | JP-2004-280865-A | 10-07-2004 | Sony Corp | | ABŞ |
| | BM2 | JP-2005-535993-A | 11-24-2005 | | | ABS |
| | BN2 | JP-2005-538490-A | 12-15-2005 | | | ABS |
| | BO2 | JP-2005-538491-A | 12-15-2005 | | | ABS |
| | BP2 | JP-2006-519445-A | 08-24-2006 | | | ABS |
| | BQ2 | JP-02-023417-A | 01-25-1990 | Yoshihisa et al. | | ABS |
| | BR2 | JP-05-274814-A | 10-22-1993 | | | ABS |
| | BS2 | JP-63-091842-A | 04-22-1988 | Matsushita Electric Ind Co Ltd | | ABS |
| | BT2 | JP-06-349201-A | 12-22-1994 | Matsushita Electric Ind Co Ltd | | ABS |
| | BU2 | JP-08-096522-A | 04-12-1996 | Sony Corp | | AB\$ |
| | BV2 | JP-09-145634-A | 06-06-1997 | Sony Corp | | ABS |
| | BW2 | JP-09-231053-A | 09-05-1997 | Nec Software Ltd | | ABS |
| | BX2 | KR-1020040094301-A | 11-09-2004 | | | ABS |
| | BY2 | WO-2004/015708-A1 | 02-19-2004 | Samsung Electronics Co Ltd | | |
| | BZ2 | WO-2004/081926-A1 | 09-23-2004 | Samsung Electronics Co Ltd | · | |
| | BB3 | TW-371752 | 10-11-1999 | | | AB\$ |
| | BC3 | TW-413805 | 12-01-2000 | | | ABS |
| | BD3 | WO-00/54274-A1 | 09-14-2000 | Matsushita Electric Ind Co Ltd | | |
| | BE3 | WO-01/22416-A1 | 03-29-2001 | Koninki Philips Electronics Nv | | |
| | BF3 | WO-01/93035-A2 | 12-06-2001 | Dataplay Inc | | |
| | BG3 | WO-03/007296-A1 | 01-23-2003 | Ciba Sc Holding Ag et al. | | |
| | внз | WO-03/025924-A1 | 03-27-2003 | Tdk Corp et al. | | |
| | BI3 | WO-03/079353-A1 | 09-25-2003 | Matsushita Electric Ind Co Ltd | | |
| | ВЈ3 | WO-2004/015707-A1 | 02-19-2004 | Samsung Electronics Co Ltd et al. | | |
| | BL3 | WO-2004/029668-A2 | 04-08-2004 | LG Electronics Inc | | |
| | ВМ3 | WO-2004/029941-A1 | 04-08-2004 | LG Electronics Inc | | |
| | BN3 | WO-2004/034396-A1 | 04-22-2004 | Samsung Electronics Co Ltd | | |
| | BO3 | WO-2004/036561-A1 | 04-29-2004 | Samsung Electronics Co Ltd | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

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| Suh | Substitute for form 1449/PTO | | Complete if Known | | |
|------------------------|-----------------------------------|---------------------------------------|--------------------|------------------------|-----------------|
| 000 | 30000 101101111 144011 10 | RMATION DISCLOSURE EMENT BY APPLICANT | Application Number | 10/670,365-Conf. #6887 | |
| 11 | INFORMATION DISCLOSURE | SCLOSURE | Filing Date | September 26, 2003 | |
| STATEMENT BY APPLICANT | | | APPLICANT | First Named Inventor | Yong Cheol PARK |
| | STATEMENT BY AFFEICANT | | Art Unit | 2627 | |
| | (Use as many sheets as necessary) | | | Examiner Name | L. Chow |
| Sheet | 9 | of | 9 | Attorney Docket Number | 0465-1028P |

| | | FOREI | GN PATENT | DOCUMENTS | | |
|-----------------------|--------------|--|-----------------------------------|--|--|----|
| Examiner Initials* | Cite No.1 | Foreign Patent Document Country Code ⁹ -Number ⁴ -Kind Code ⁵ (ff known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T⁵ |
| | BP3 | WO-2004/053872-A1 | 06-24-2004 | LG Electronics Inc | | |
| | BQ3 | WO-2004/053874-A1 | 06-24-2004 | LG Electronics Inc | | Т |
| - | BR3 | WO-2004/068476-A1 | 08-12-2004 | LG Electronics Inc | | |
| | BS3 | WO-2004/079740-A1 | 09-16-2004 | LG Electronics Inc | | П |
| | ВТ3 | WO-2004/093035-A1 | 10-28-2004 | Ds Enterprise Inc et al. | Ĭ. | |
| | BU3 | WO-2004/100155-A1 | 11-18-2004 | LG Electronics Inc et al. | | |
| | BV3 | WO-2004/100156-A1 | 11-18-2004 | LG Electronics Inc et al. | | |
| | BW3 | WO-2005/004123-A1 | 01-13-2005 | LG Electronics Inc et al. | | Ė, |
| | ВХ3 | WO-84/00628-A1 | 02-16-1984 | Western Electric Co | 4 34 | |
| | BY3 | WO-96/30902-A1 | 10-03-1996 | Ibm et al. | 4.37 | |
| | BZ3 | WO-97/22182-A1 | 06-19-1997 | Matsushita Electric Ind Co Ltd et al. | | |
| | BA4 | RU-2005 103 626 | 09-10-2005 | | | |
| | BB4 | RU-2005 127 337 | 02-10-2006 | | | |
| | BC4 | WO-2004/025648 | 03-24-2004 | Samsung Electronics Co Ltd | | |
| Ī | BD4 | WO-2004/025649 | 03-25-2004 | Samsung Electronics Co Ltd | | |
| | BE4 | WO-2004/079631 | 09-16-2004 | Konin-Klijke Philips Electronics N.V. | | |
| | BF4 | WO-2004-075180 | 09-02-2004 | LG Electronics Inc et al. | | |

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|--------------------------|--|---|--|--|
| Examiņer Initials | Cite No. ¹ | | | | |
| | CA | JIS handbook data processing for hardware, Japan, Japanese Standards Association Inc., April 21, 1999, Pages 1064-1070 | | | |
| | | | | | |
| | | | | | |
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| Examiner | Date | | |
|-----------|------|--------|--|
| Signature | Cons | idered | |

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.